

Quantitation Report (Qedit)

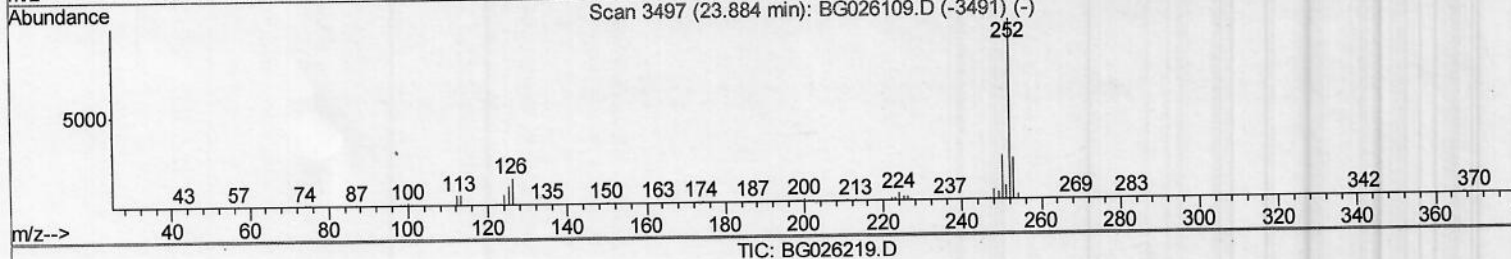
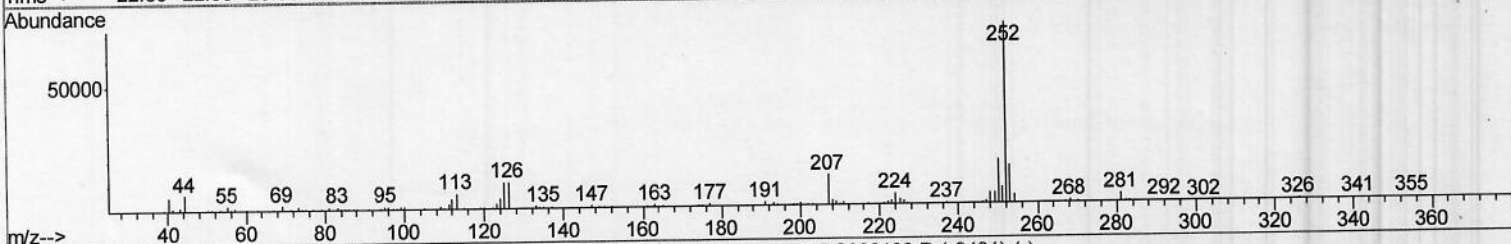
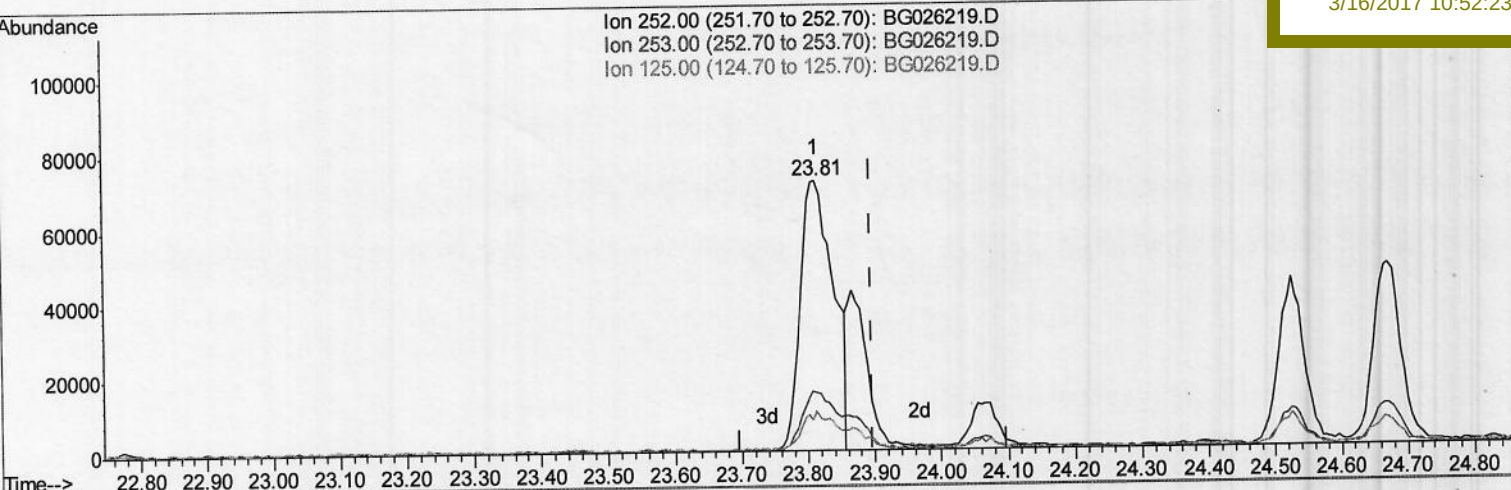
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
 Data File : BG026219.D
 Acq On : 13 Mar 2017 19:48
 Operator : SJ/MA
 Sample : I2217-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 CB2Y7

Manual Integrations
APPROVED

mohammad
 3/16/2017 10:52:23 AM

Quant Time: Mar 15 17:42:04 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene
 23.814min (-0.083) 7.87ng/ul
 response 250485

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.39
125.00	11.00	14.45#
0.00	0.00	0.00

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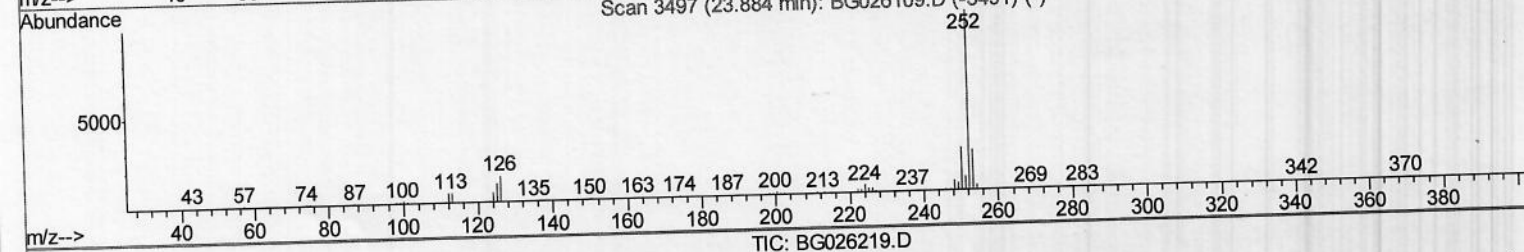
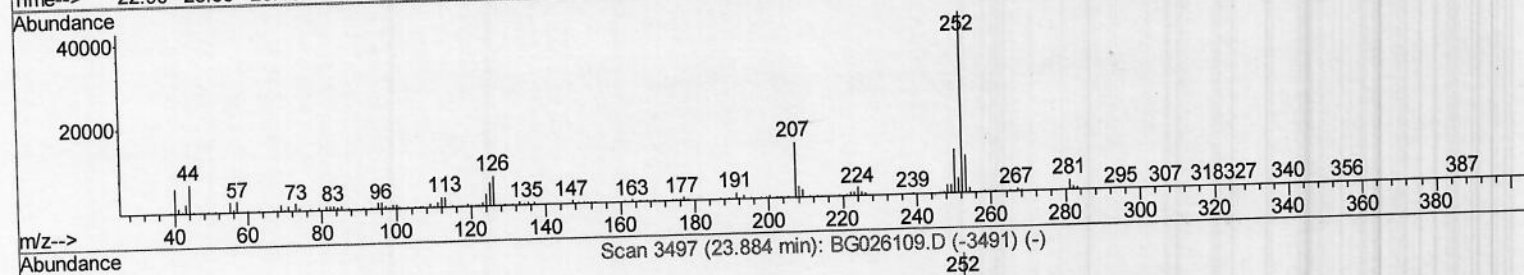
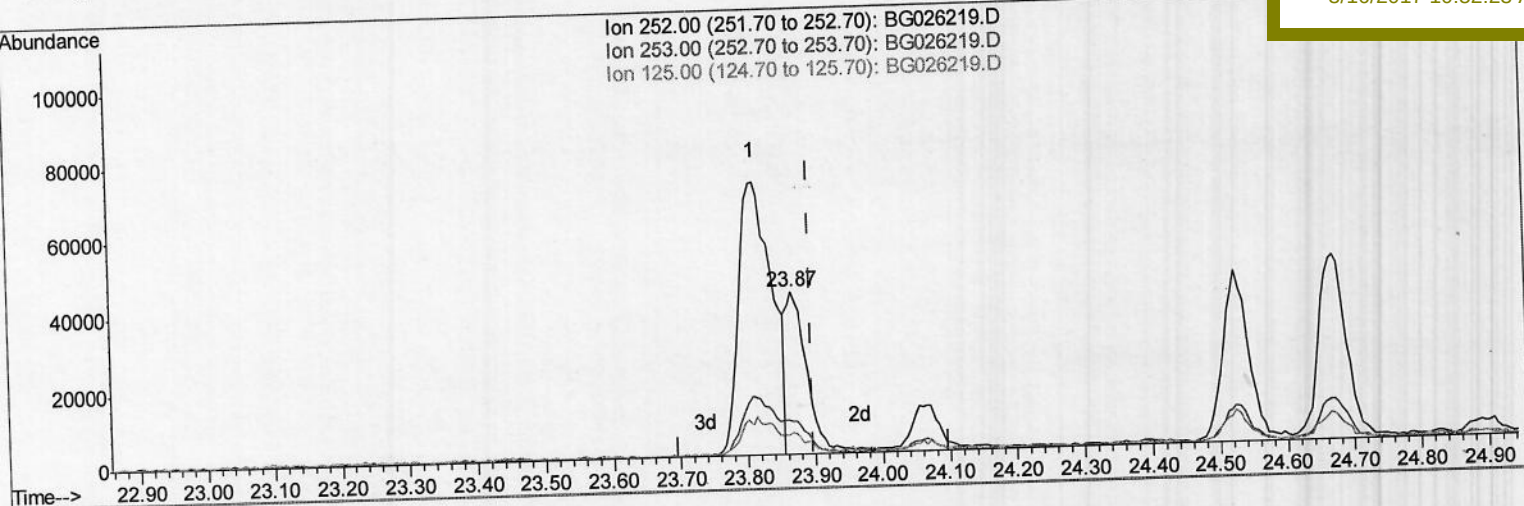
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(25) Benzo(k)fluoranthene

23.867min (-0.030) 2.76ng/ul m

response 87785

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.08
125.00	11.00	13.47#
0.00	0.00	0.00

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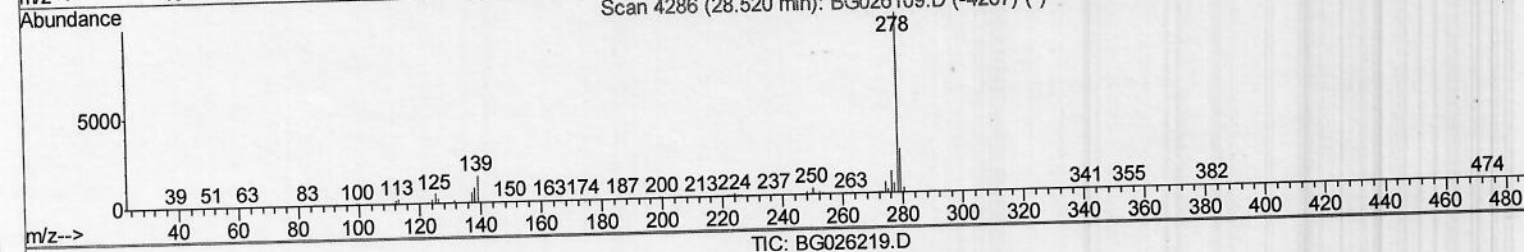
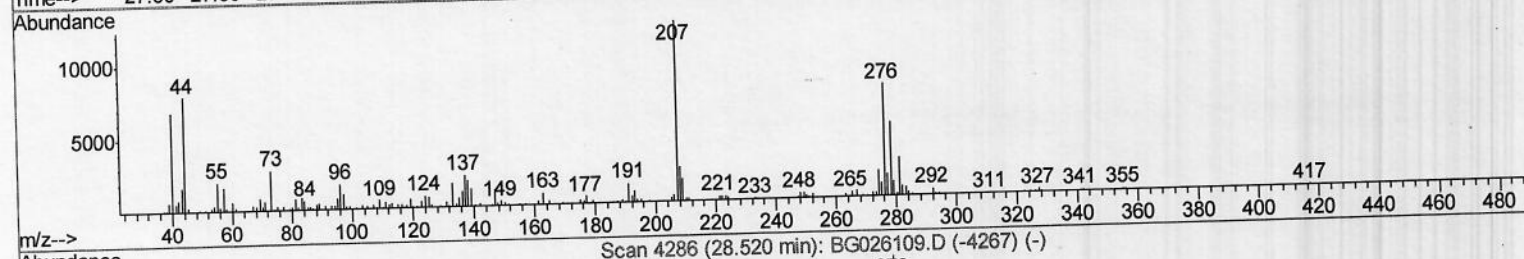
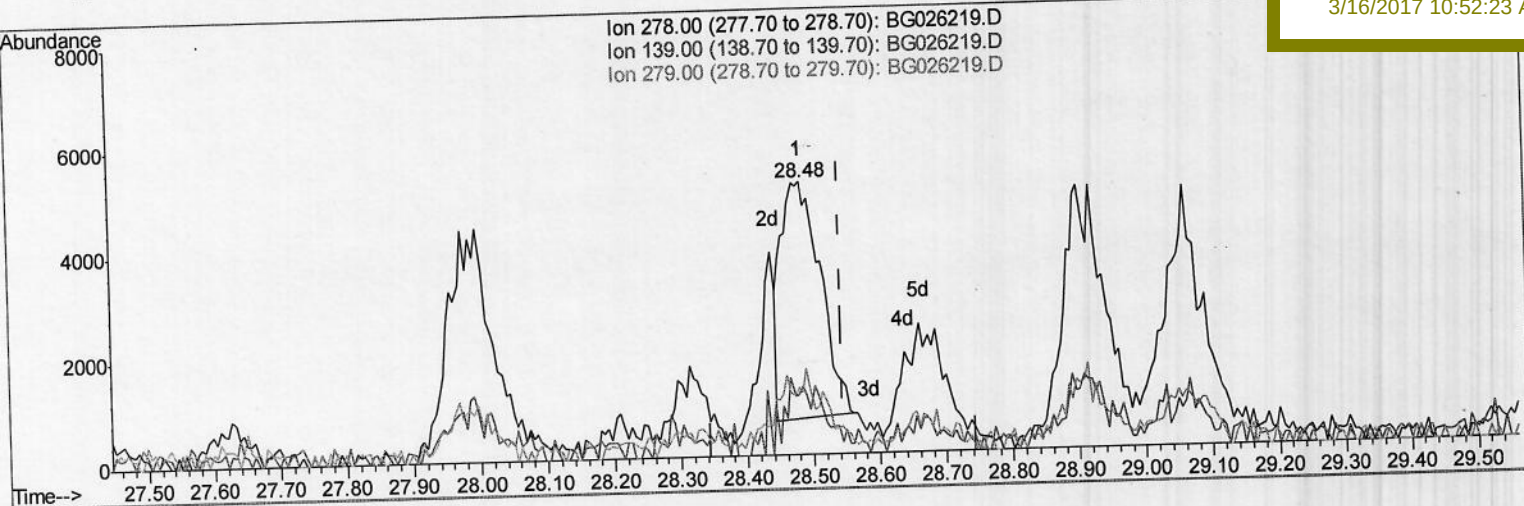
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(29) Dibenzo(a,h)anthracene

28.485min (-0.060) 0.68ng/ul

response 18531

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	25.19#
279.00	25.80	22.56
0.00	0.00	0.00

Quantitation Report (Qedit)

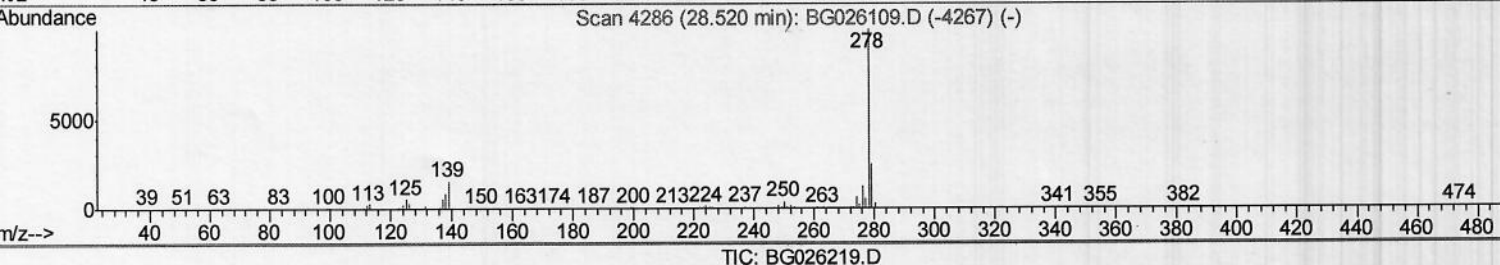
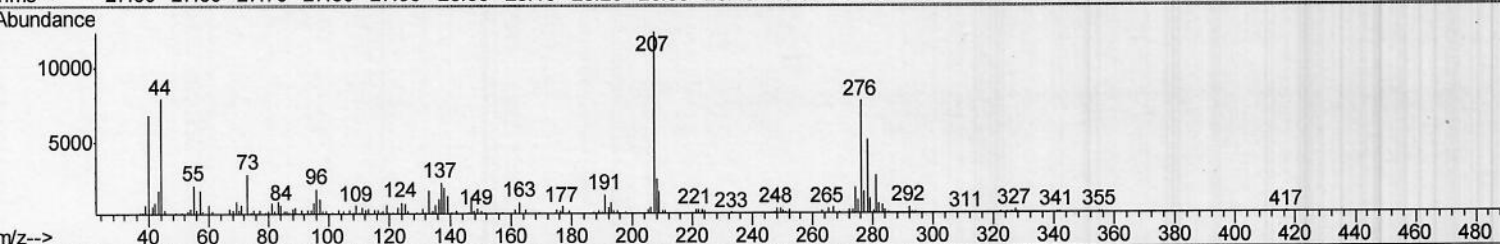
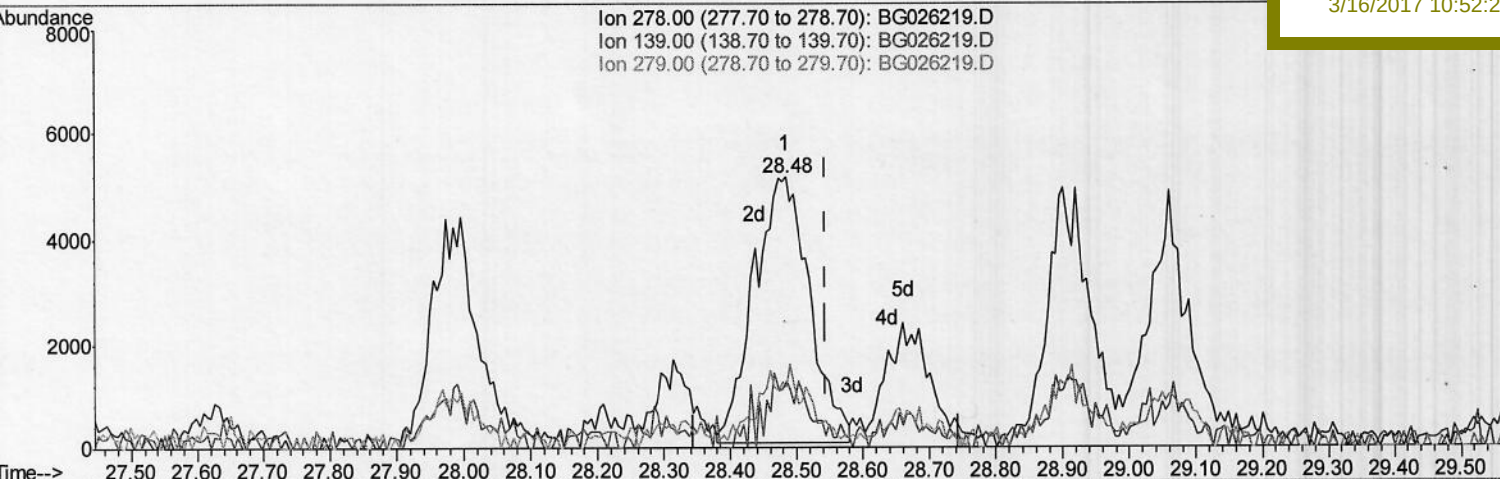
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(29) Dibenzo(a,h)anthracene

28.485min (-0.060) 1.09ng/ul m

SJ 03/16/17

response 29501

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	25.19#
279.00	25.80	22.56
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	79212	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.86	136	386579	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.66	164	243478	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	592069	20.00	ng/ul	-0.01
18) Chrysene-d12	21.63	240	608926	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	587338	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	90935	15.88	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	535103	25.78	ng/ul	-0.01
10) Fluorene-d10	15.65	176	402224	26.56	ng/ul	-0.01
15) Anthracene-d10	17.49	188	596731	22.68	ng/ul	-0.02
19) Pyrene-d10	19.77	212	675145	21.73	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	616584	24.34	ng/ul	-0.02
Target Compounds						
9) Acenaphthene	14.72	153	15708	1.05	ng/ul#	89
14) Phenanthrene	17.43	178	280305	8.93	ng/ul	99
16) Anthracene	17.52	178	48960	1.54	ng/ul	98
17) Fluoranthene	19.43	202	442544	13.59	ng/ul	98
20) Pyrene	19.79	202	363024	9.36	ng/ul	97
21) Benzo(a)anthracene	21.62	228	192876	5.69	ng/ul	96
22) Chrysene	21.68	228	190766	6.03	ng/ul	97
24) Benzo(b)fluoranthene	23.81	252	250485	7.51	ng/ul#	96
25) Benzo(k)fluoranthene	23.87	252	87785m	2.76	ng/ul	
27) Benzo(a)pyrene	24.67	252	136786	4.41	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.44	276	112139	3.28	ng/ul	93
29) Dibenzo(a,h)anthracene	28.48	278	29501m	1.09	ng/ul	
30) Benzo(g,h,i)perylene	29.57	276	100744	3.44	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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